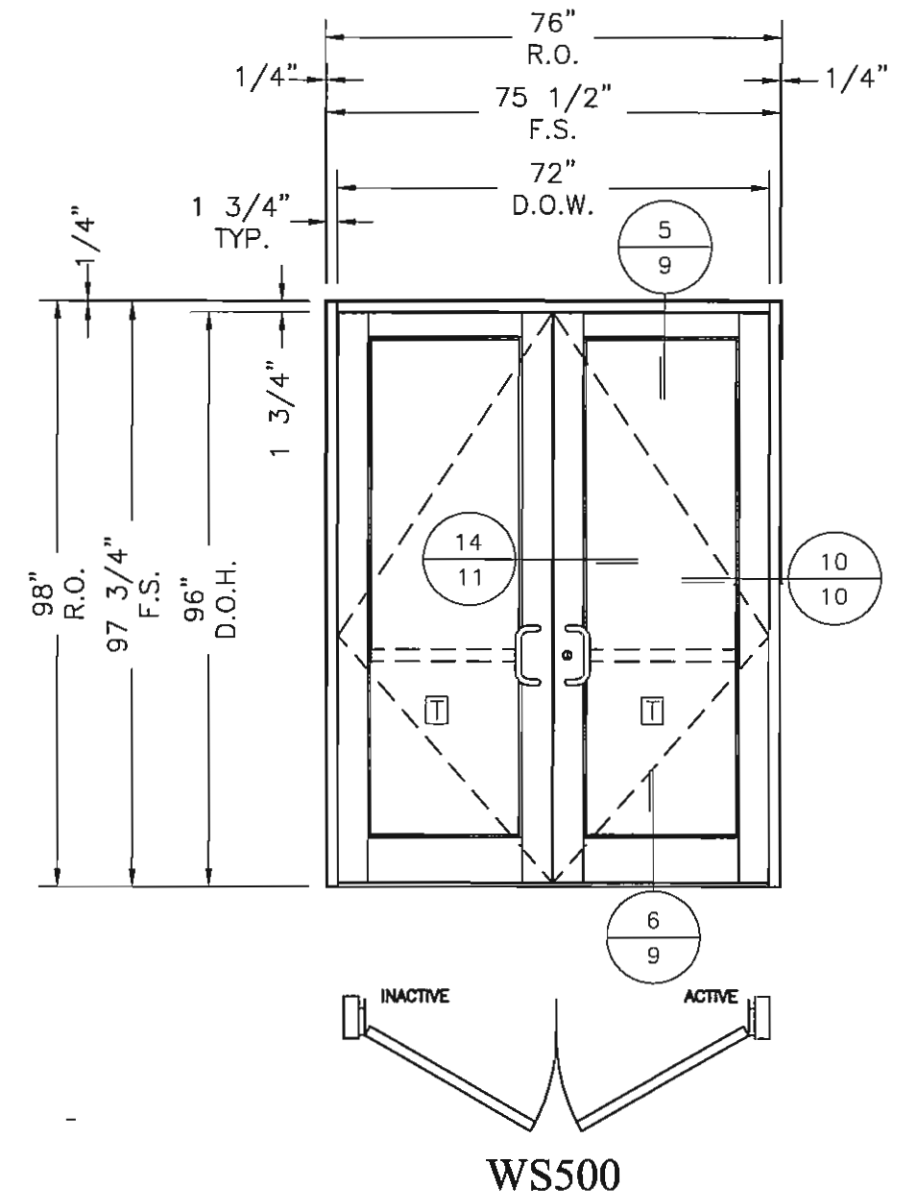
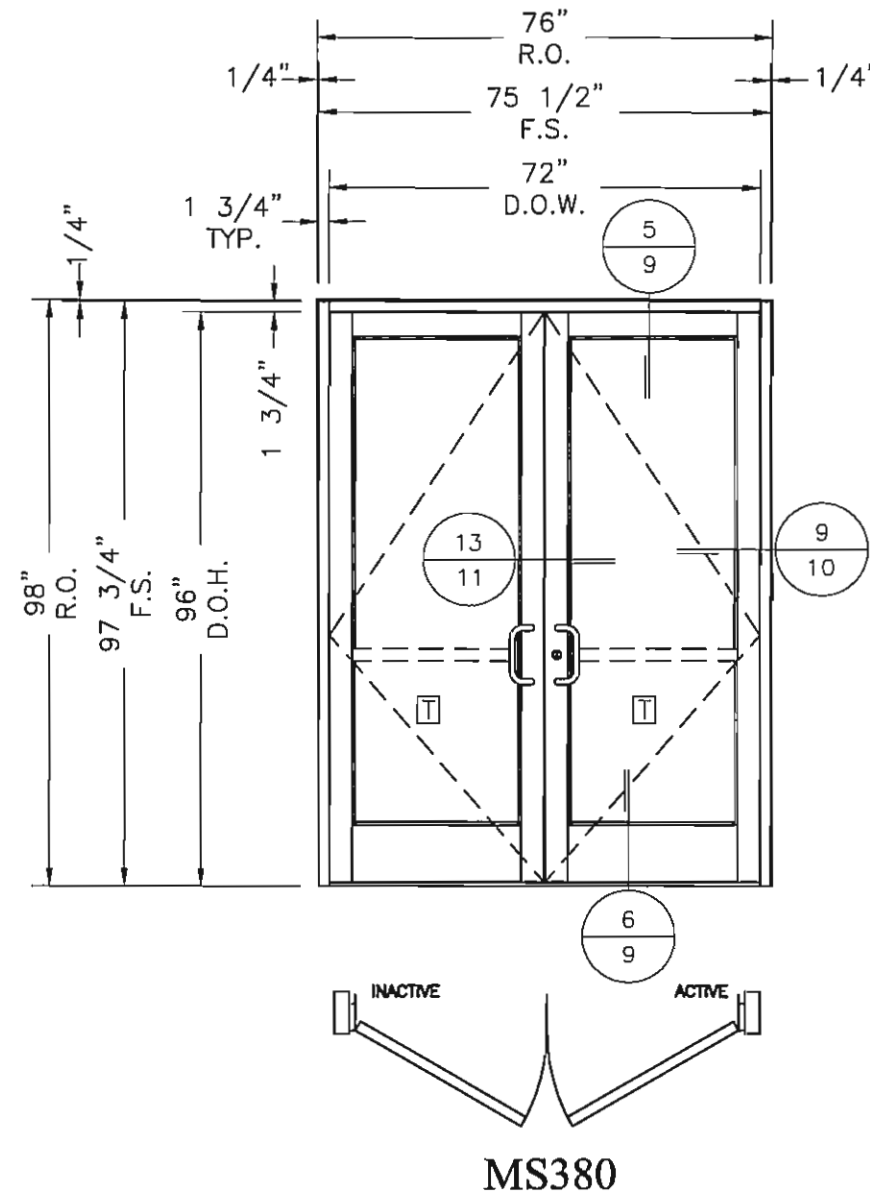
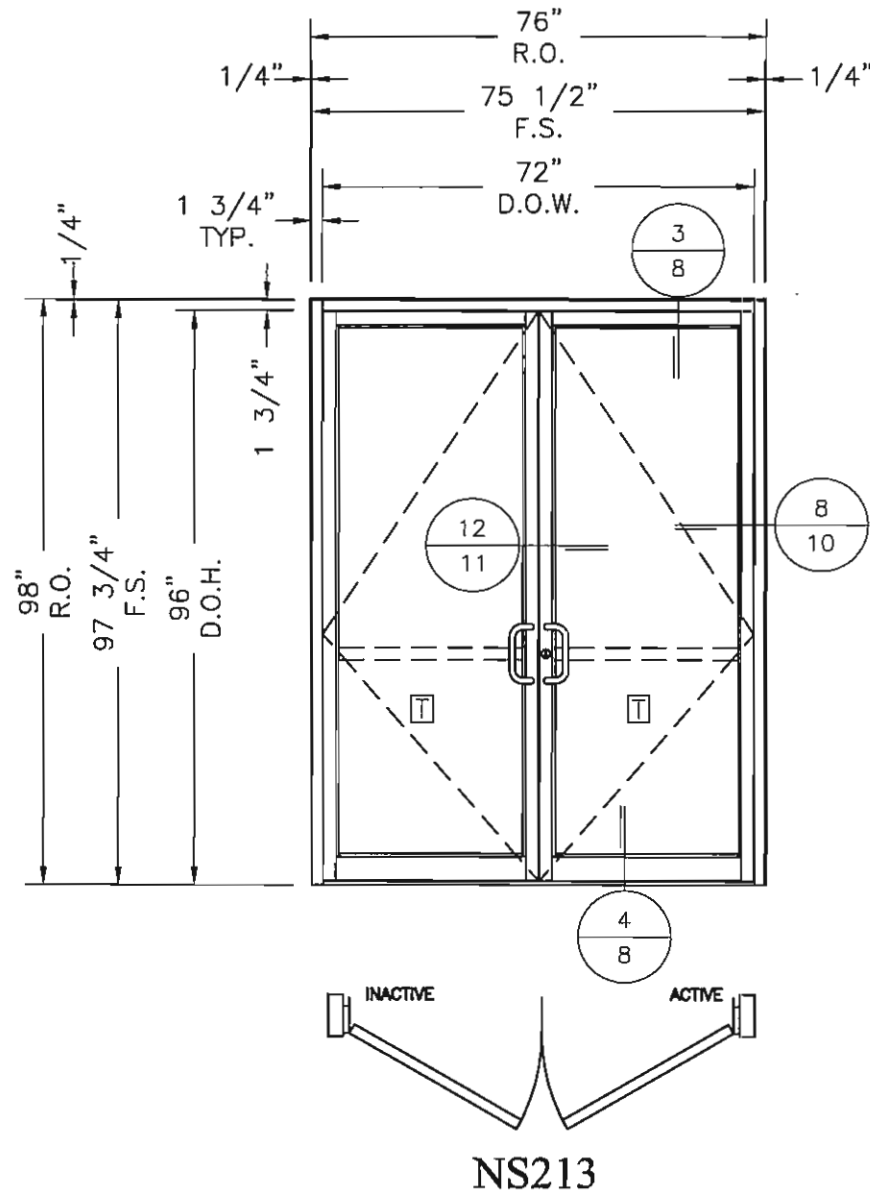




ELEVATION E1
SERIES NS213, MS380 AND WS500
DOORS IN FL200 FRAMING
WITH OFFSET PIVOTS

DESIGN PRESSURE = +25/-25 PSF

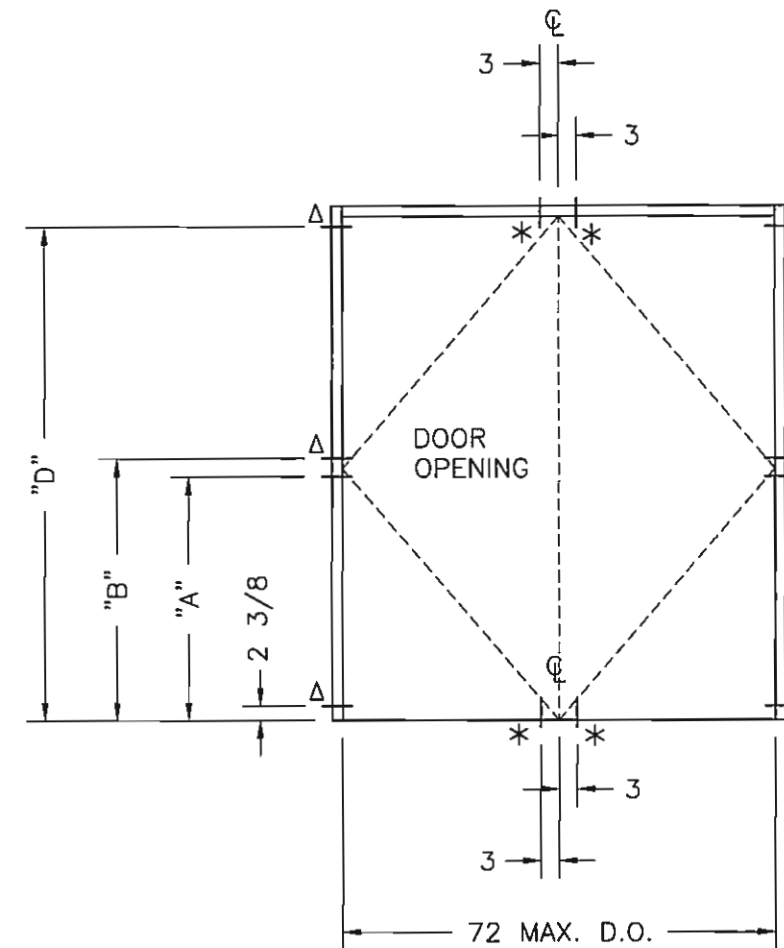
DOOR GLASS SIZE = D.L.O. + 9/16"
THESE DOORS WERE NOT TESTED FOR
WATER INFILTRATION

GLASS TYPE
T 1/4" TEMPERED GLASS

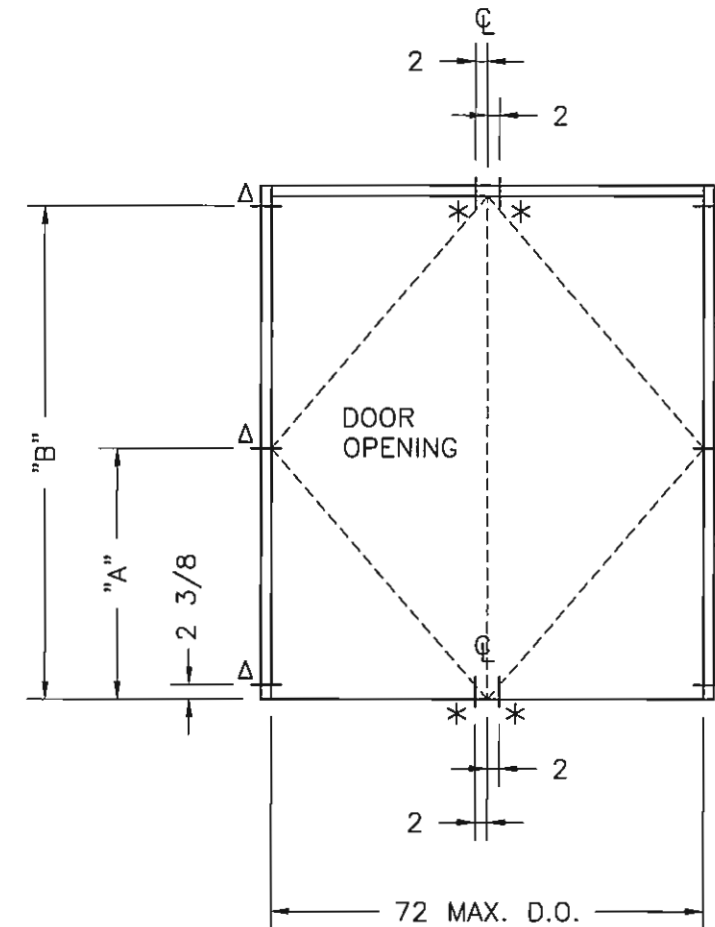
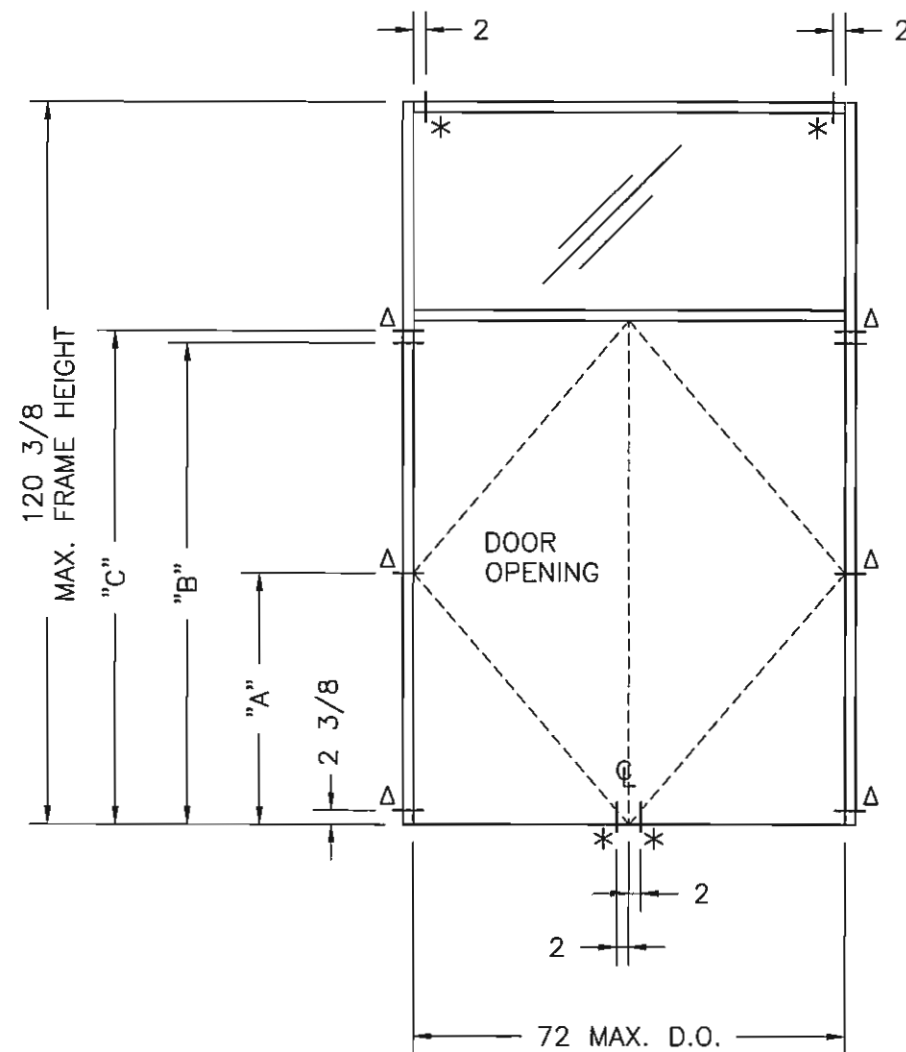
ELIZABETH A. BROADWAY
LICENSED PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 38558

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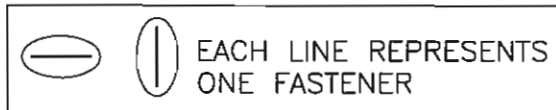
 Coral Architectural Products 3010 RICE MINE ROAD, TUSCALOOSA, AL 35406 PHONE: 800-772-7737 FAX: 800-255-7320	
FLORIDA PRODUCT APPROVAL DRAWINGS SERIES 213, 380 AND 500 OFFSET PIVOT DOORS IN FL200 TYPICAL ELEVATION NON-TRANSOM	
DATE 7/18/2012	DRAWN DEG
CHECKED EAB	APPROVED EAB
PROJECT NO.	
DRAWING NO. FL200_4	
SHEET 2 OF 13	



DATE 7/18/2012		
DRAWN DEG	CHECKED EAB	APPROVED EAB
PROJECT NO.		
DRAWING NO. FL200_4		
SHEET 4 OF 13		



TYPICAL INSTALLATION INTO
LIGHT GAUGE STEEL SUBSTRATE



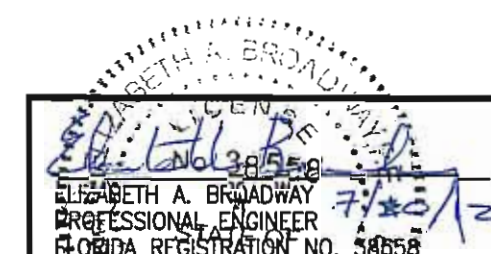
FASTENER LEGEND

- Δ 1/4" TEK ANCHOR
WITH FILLER PLATE FULL
LENGTH OF MULLION.
1 1/2" MIN. SPACING.
- * 1/4" TEK ANCHOR

STANDARD LENGTHS			
D.O. HEIGHT	"A"	"B"	"C"
84"	42 1/4"	80 3/8"	82 3/8"
96"	48 1/4"	92 3/8"	94 3/8"

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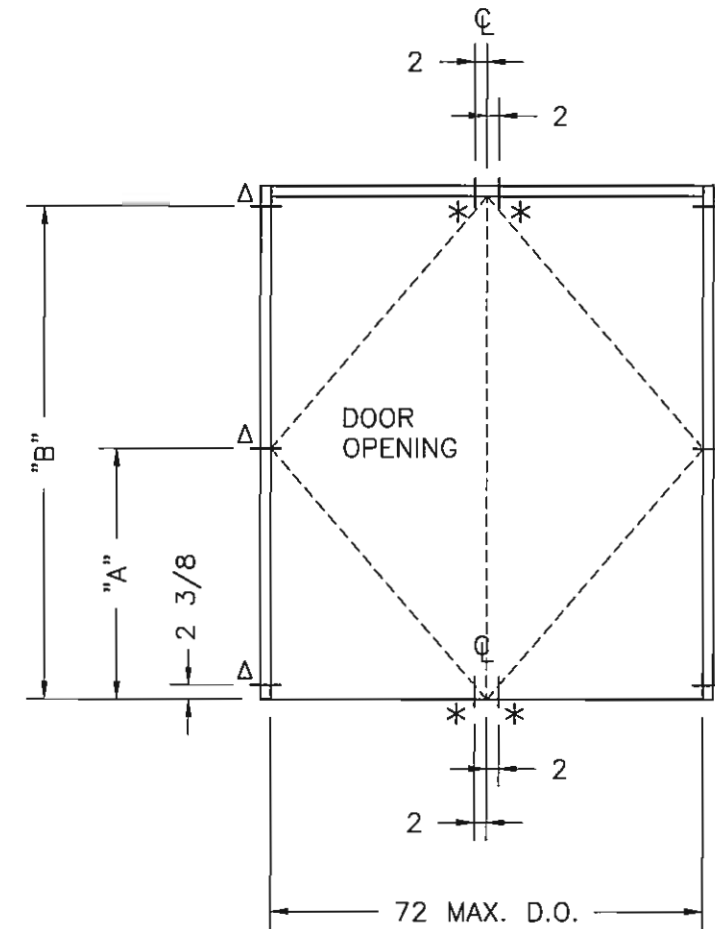
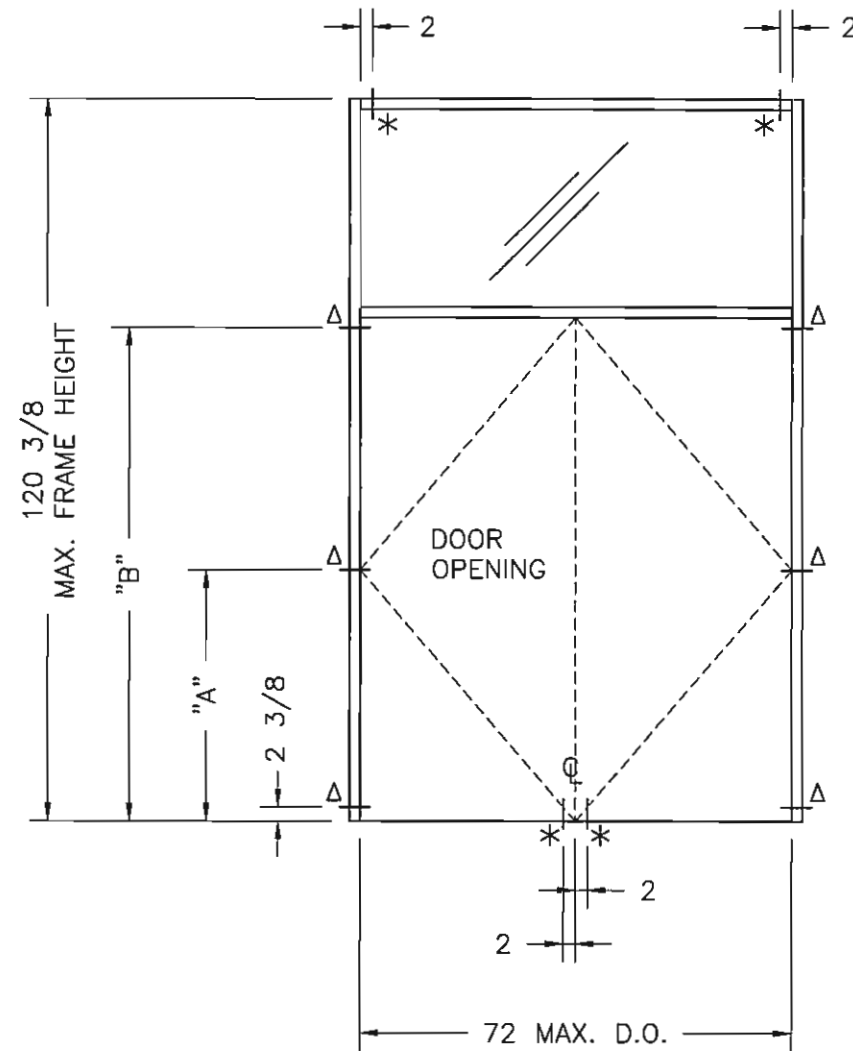
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DATE	7/18/2012
DRAWN	DEG
CHECKED	EAB
APPROVED	EAB
PROJECT NO.	
DRAWING NO.	FL200_4
SHEET	5 OF 13

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FLORIDA PRODUCT APPROVAL
DRAWINGS SERIES 213, 380 AND 500
OFFSET PIVOT DOORS IN FL200
LIGHT GAUGE STEEL STUD
ANCHOR CHART



TYPICAL INSTALLATION INTO HOT ROLLED STEEL SUBSTRATE

EACH LINE REPRESENTS
ONE FASTENER

FASTENER LEGEND

- 3/8"Ø HEX HEAD BOLT
WITH FILLER PLATE FULL
LENGTH OF MULLION.
1 1/2" MIN. SPACING.
- 3/8"Ø HEX HEAD BOLT

STANDARD LENGTHS		
D.O. HEIGHT	"A"	"B"
84"	42 1/4"	82 3/8"
96"	48 1/4"	94 3/8"

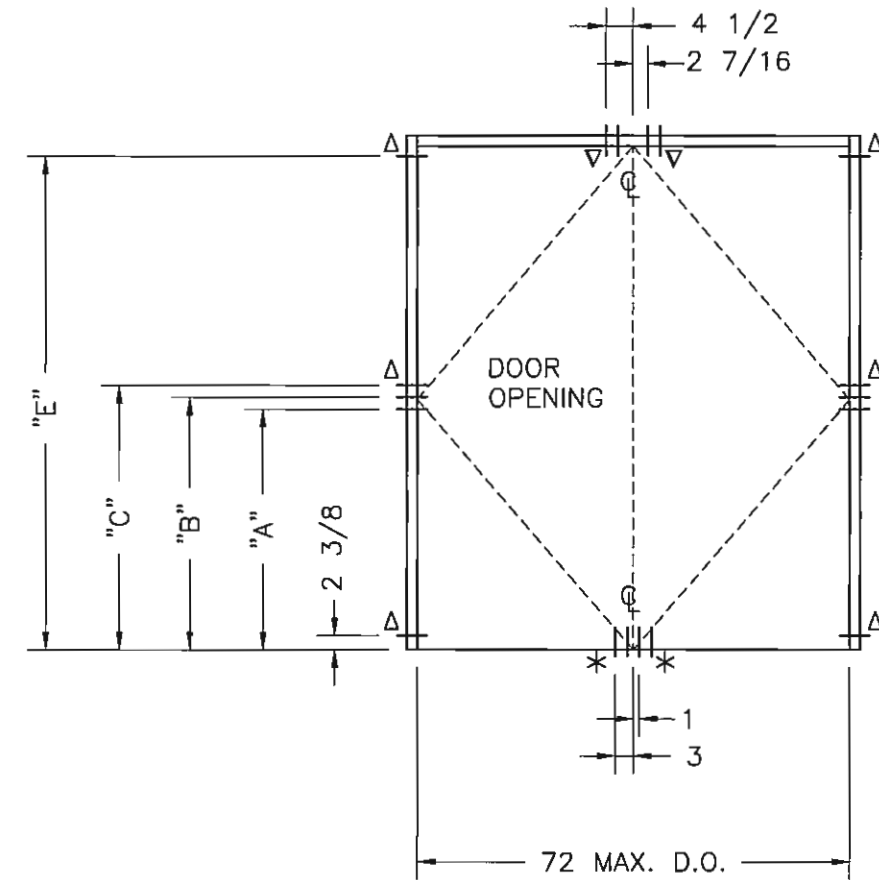
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ELIZABETH A. BROADWAY
 LICENSE
 38558
 ELIZABETH A. BROADWAY
 PROFESSIONAL ENGINEER
 FLORIDA REGISTRATION NO. 38558

DATE		7/18/2012
DRAWN	CHECKED	APPROVED
DEG	EAB	EAB
PROJECT NO.		
DRAWING NO.		
FL200_4		
SHEET		
6 OF 13		

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FLORIDA PRODUCT APPROVAL
 DRAWINGS SERIES 213, 380 AND 500
 OFFSET PIVOT DOORS IN FL200
 HOT ROLLED STEEL STUD
 ANCHOR CHART



  EACH LINE REPRESENTS ONE FASTENER

- Δ 1/4" WOOD SCREWS
1 3/4" MIN. EMBEDMENT
WITH FILLER PLATE FULL
LENGTH OF MULLION.
2" MIN. SPACING.
- ▽ 1/4" WOOD SCREWS
1 3/4" MIN. EMBEDMENT.
2" MIN. SPACING.
- * 1/4" WOOD SCREWS
2 1/2" MIN. EMBEDMENT.

STANDARD LENGTHS					
D.O. HEIGHT	"A"	"B"	"C"	"D"	"E"
84"	40 1/4"	42 1/4"	44 1/4"	80 3/8"	82 3/8"
96"	46 1/4"	48 1/4"	50 1/4"	92 3/8"	94 3/8"

ELIZABETH A. BROADWAY, P.E.
STATE OF FLORIDA
LICENSE NO. 38558
7/20/12

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[illegible]



Conrad

■ Architectural Products ■
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PHONE: 800-772-7737 FAX: 800-255-7320

FLORIDA PRODUCT APPROVAL
DRAWINGS SERIES 213, 380 AND 500
OFFSET PIVOT DOORS IN FL200

DETAIL WITH AND WITHOUT TRANSOM

DATE	7/18/2012
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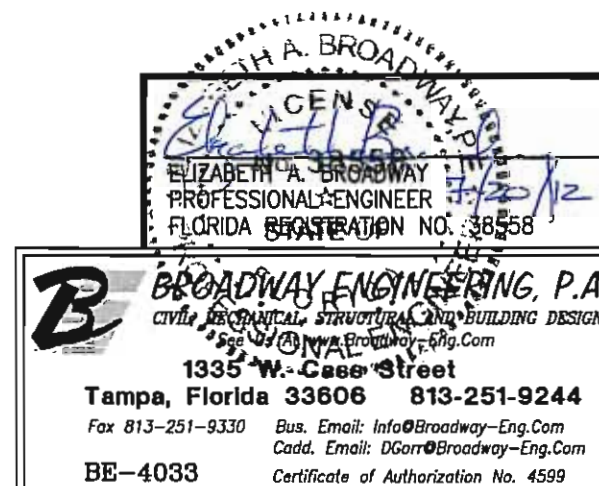
DRAWN DEG	CHECKED EAB	APPROVED EAB
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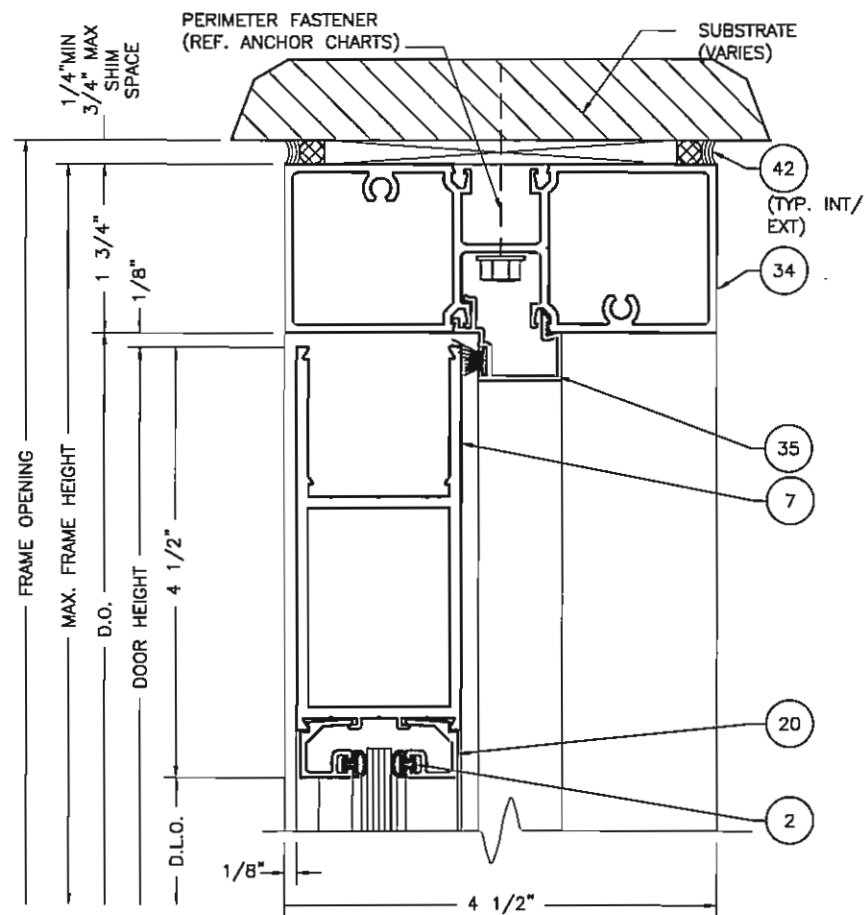
PROJECT NO.	
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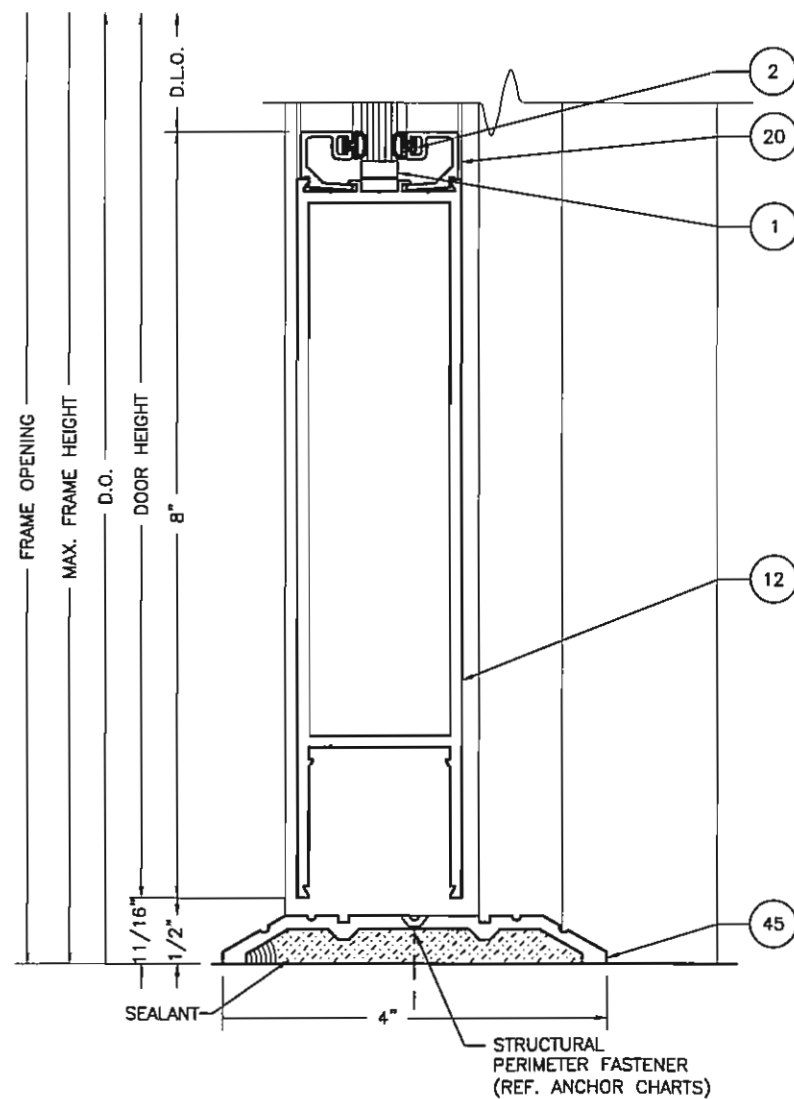
FL200 4

SHEET 8 OF 13

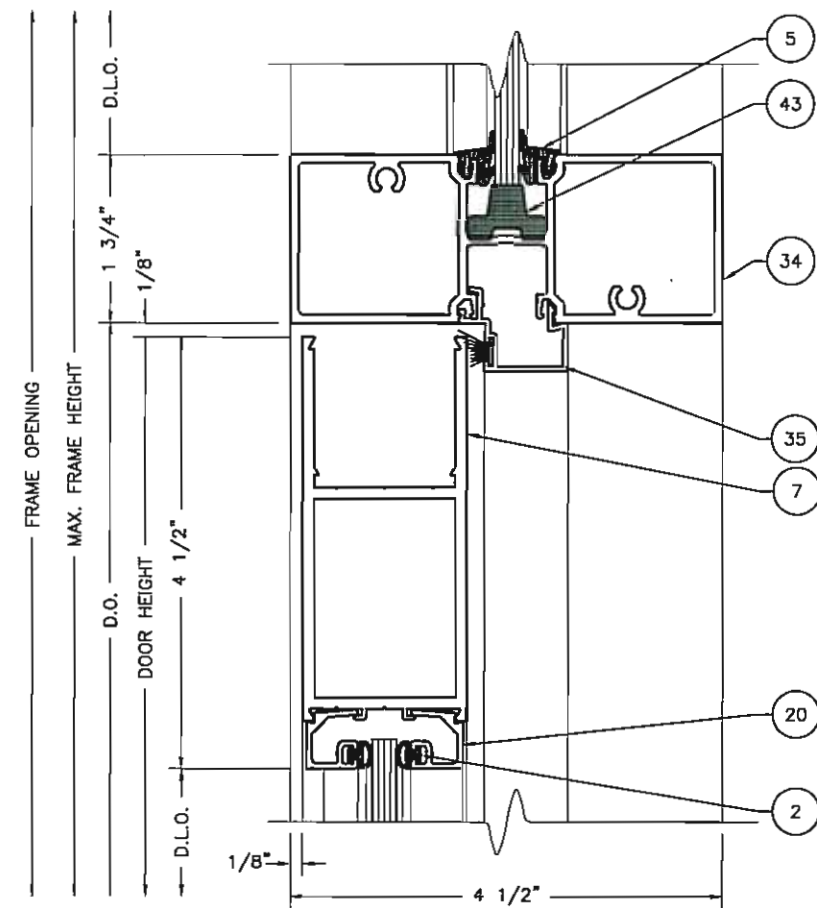




5 MS & WS DOOR HEADER
9 SCALE: 1:2



6 MS & WS THRESHOLD
8 SCALE: 1:2

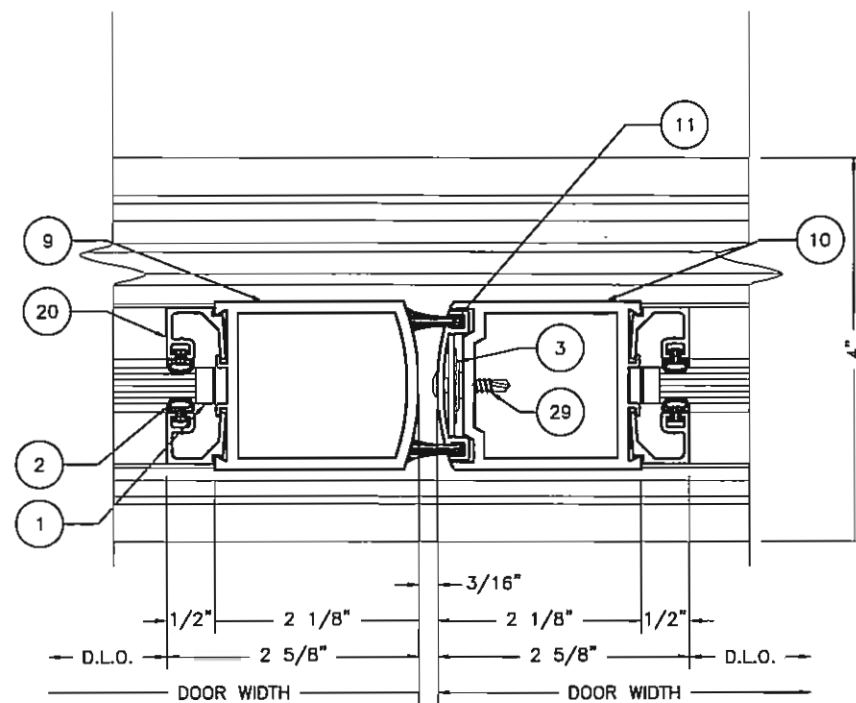


7 MS & WS INT DOOR HEADER
8 SCALE: 1:2

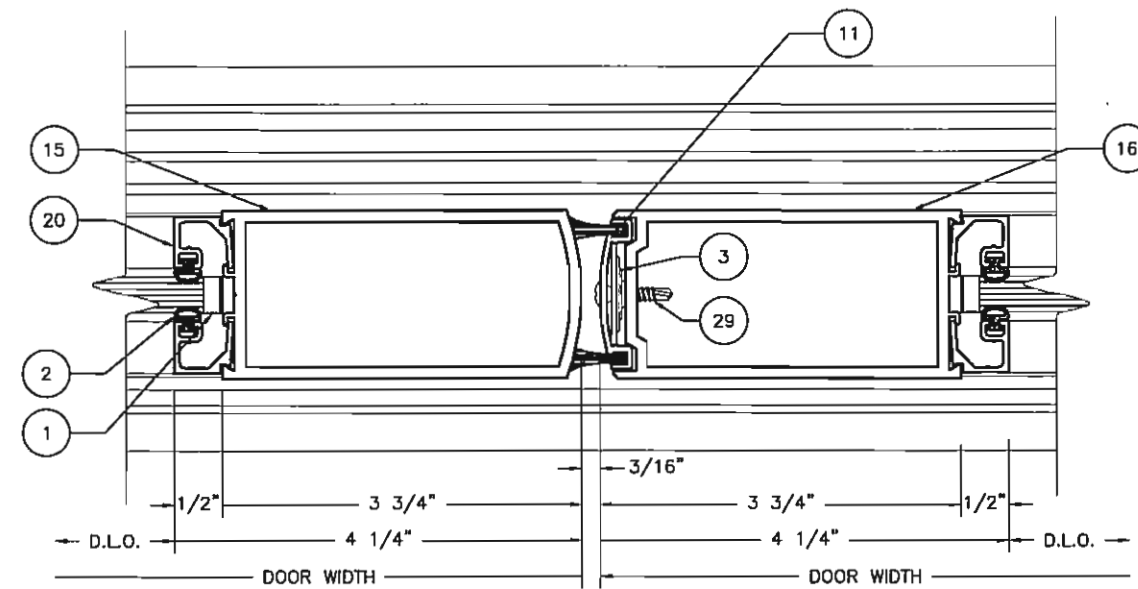
ELIZABETH A. BROADWAY
PROFESSIONAL ENGINEER
FLORIDA REGISTRATION NO. 38598
7/23/17

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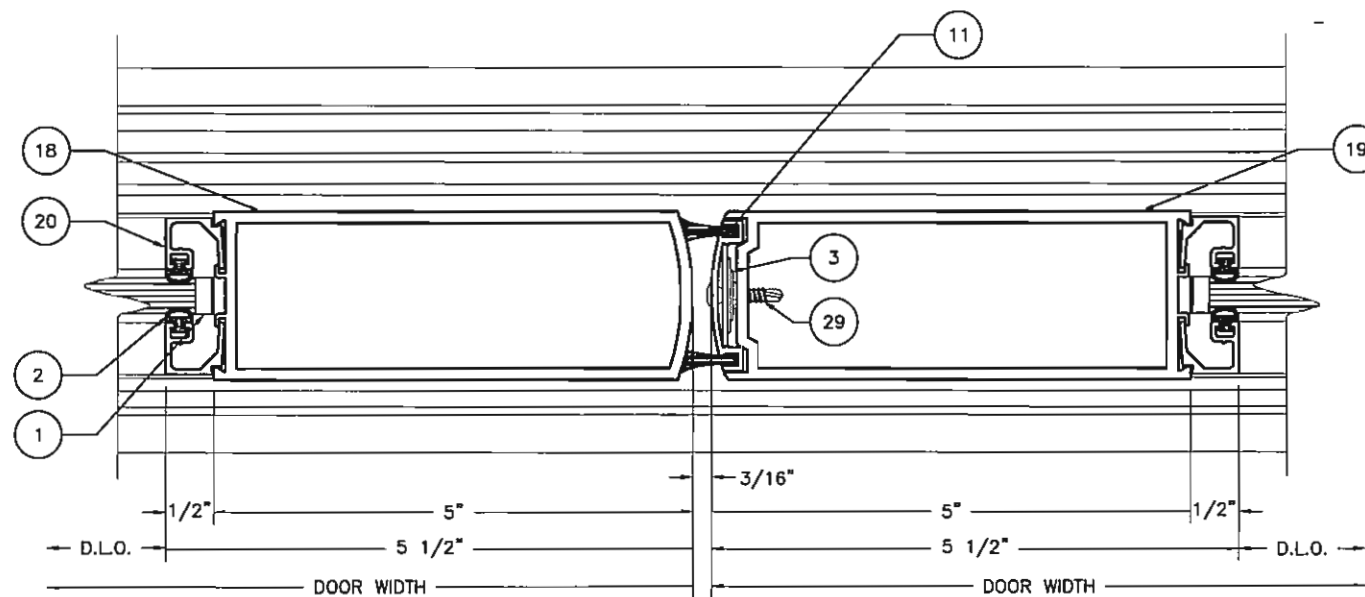
 Coral Architectural Products 3010 RICE MINE ROAD, TUSCALOOSA, AL 35406 PHONE: 800-772-7737 FAX: 800-255-7320		DATE REV BY
FLORIDA PRODUCT APPROVAL DRAWINGS SERIES 213, 380 AND 500 OFFSET PIVOT DOORS IN FL200		DATE 7/18/2012
DETAIL WITH AND WITHOUT TRANSOM		DRAWN DEG
CHECKED EAB		APPROVED EAB
PROJECT NO.		DRAWING NO. FL200_4
SHEET 9 OF 13		DESCRIPTION



12 NS MEETING STILES
11 SCALE: 1:2



13 MS MEETING STILES
11 SCALE: 1:2



14 WS MEETING STILES
11 SCALE: 1:2

ELIZABETH A. BROADWAY
P.E. LICENSE NO. 38558
7/20/12

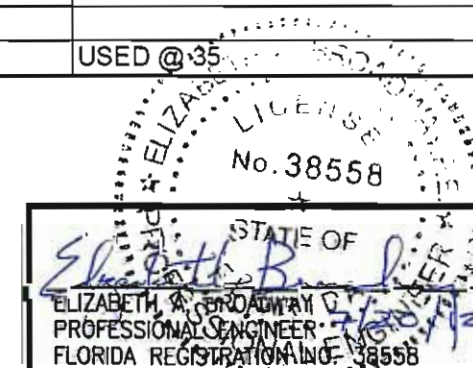
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DATE	7/18/2012	REV	BY	DESCRIPTION
FLORIDA PRODUCT APPROVAL DRAWINGS SERIES 213, 380 AND 500 OFFSET PIVOT DOORS IN FL200				
DETAILS MEETING STILES				
DRAWN	DEG	CHECKED	EAB	APPROVED
PROJECT NO.				
DRAWING NO.				
FL200_4				
SHEET 11 OF 13				

BILL OF MATERIALS

ITEM	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	SB1	INJECTION MOLDED SIDE/SETTING BLOCK	.994 X .317 X .381	ABS PLASTIC	CORAL	3 EACH PER DOOR
2	NG4	DOOR GLASS STOP WEATHERING	.260 SPACE	EPDM	VARIES	
3	SP100	ADJUSTABLE ASRAGAL SPRING	VARIABLE SPACE	ALUM	VARIES	USED @ 11
4	VG1	BOOTOM DOOR SWEEP WEATHERING	VARIABLE SPACE	VINYL	CORAL	USED @ 22
5	NG1	GLAZING GASKET	.197 SPACE	EPDM	VARIES	USED ON INTERIOR AND EXTERIOR
6	D101	TOP RAIL NS213	2.25 X 1.71 X .120	6063-T6 ALUMINUM	CORAL	
7	D102	BOTTOM RAIL NS213/TOP RAIL SERIES 380/500	4.00 X 1.71 X .120	6063-T6 ALUMINUM	CORAL	
8	D103	HINGE/ LOCK STILE NS213	2.125 X 1.75 X .120	6063-T6 ALUMINUM	CORAL	
9	D104	INACTIVE MEETING STILE NS213	2.125 X 1.75 X .120	6063-T6 ALUMINUM	CORAL	
10	D105	ACTIVE MEETING STILE NS213	1.989 X 1.75 X .120	6063-T6 ALUMINUM	CORAL	
11	D106	ADJUSTABLE ASTRAGAL ASSY-ALL SERIES	.331 X 1.562 X .062	6063-T6 ALUMINUM	CORAL	
12	D108	BOTTOM RAIL MS380 & WS500	7.5 X 1.71 X .120	6063-T6 ALUMINUM	CORAL	
13	NA	NOT USED				
14	D110	HINGE/LOCK STILE MS380	3.75 x 1.75 x .120	6063-T6 ALUMINUM	CORAL	
15	D111	INACTIVE MEETING STILE MS380	3.75 x 1.75 x .120	6063-T6 ALUMINUM	CORAL	
16	D112	ACTIVE MEETING STILE MS380	3.164 x 1.75 x .120	6063-T6 ALUMINUM	CORAL	
17	D118	HINGE/ LOCK STILE WS500	5.00 x 1.75 x .120	6063-T6 ALUMINUM	CORAL	
18	D119	INACTIVE MEETING STILE WS500	5.00 x 1.75 x .120	6063-T6 ALUMINUM	CORAL	
19	D120	ACTIVE MEETING STILE WS500	4.864 x 1.75 x .120	6063-T6 ALUMINUM	CORAL	
20	DG100	DOOR GLASS STOP FOR 1/4" GLAZING	.500 x .539 x .055	6063-T6 ALUMINUM	CORAL	
21	WP106	ADJUSTABLE ASRAGAL WEATHERING	VARIABLE SPACE	WOOL PILE	SCHLEGEL	USED @ 11
22	WS136	DOOR BOTTOM RAIL ASSEMBLY	.302 x .812 x .125	6063-T6 ALUMINUM	CORAL	
23	CB101	DOOR CORNER BLOCK	1.540 x 2.13 x .250	6063-T6 ALUMINUM	CORAL	FABRICATED CUT LENGTH = 1.350" FROM D114
24	CB102	DOOR CORNER BLOCK	1.540 x 2.13 x .250	6063-T6 ALUMINUM	CORAL	FABRICATED CUT LENGTH = 3.032" FROM D114
25	CB108	DOOR CORNER BLOCK	1.540 x 2.13 x .250	6063-T6 ALUMINUM	CORAL	FABRICATED CUT LENGTH = 5.33" FROM D114
26	CB109	DOOR CORNER BLOCK	1.540 x 2.13 x .250	6063-T6 ALUMINUM	CORAL	FABRICATED CUT LENGTH = 7.513" FROM D114
27	AS1	ATTACH RAILS TO CORNER BLOCK	#10 X 3/4" PFH TYPE "B"	STEEL	VARIES	
28	AS4	ATTACH CORNER BLOCK TO STILES	3/8"-16 X 1" HWH CAP BOLT	STEEL	VARIES	
29	AS7	ATTACH ADJUSTABLE ASTRAGAL	#8 X3/4" POH SELF DRILLING	STEEL	VARIES	
30	AS13	STEEL SQUARE NUT FOR AS4	1.475 X 1.475 X .180	ZINC PLATED STL.	VARIES	
31	BP213	STEEL BACK-UP PLATE/ FLUSH BOLT GUIDE	1.475 X 3.282 X .180	ZINC PLATED STL.	CORAL	USED AT INACTIVE STILE FOR SERIES 213 FLUSH BOLTS
32	BP380	STEEL BACK-UP PLATE/ FLUSH BOLT GUIDE	1.475 X 3.062 X .180	ZINC PLATED STL.	CORAL	USED AT INACTIVE STILE FOR SERIES 380 FLUSH BOLTS
33	BP500	STEEL BACK-UP PLATE/ FLUSH BOLT GUIDE	1.475 X 4.312 X .180	ZINC PLATED STL.	CORAL	USED AT INACTIVE STILE FOR SERIES 500FLUSH BOLTS
34	FL207	DOOR HEADER/TRANSOM BAR	1.750 X 4.500 X .085	6063-T6 ALUMINUM	CORAL	DOOR JAMB AT WALL
35	DS200	DOOR STOP	.500 X 1.019 X .050	6063-T6 ALUMINUM	CORAL	
36	DP200-1	PANIC STOP	1.323 X .402 X .188	6063-T6 ALUMINUM	CORAL	FABRICATED LENGTH = 2.00"
37	FL209	STANDARD VERTICAL MULLION/JAMB	1.75 X 4.5 X .080	6063-T6 ALUMINUM	CORAL	
38	CS104	FLAT FILLER PLATE	.265 X 3.750 X .070	6063-T6 ALUMINUM	CORAL	
39	FL203	GLASS STOP	.875 X 1.918 X .050	6063-T6 ALUMINUM	CORAL	
40	FL202	SILL/HEAD	1.75 X 4.460 X .070	6063-T6 ALUMINUM	CORAL	
41	AS16	TYPICAL SPLINE SCREW	#4 X 1" HHSTS	STEEL	VARIES	
42	DOW 795	JOINT/PERIMETER SEALANT	VARIABLE SPACE	SILICONE	TREMCO	
43	SB2	SETTING BLOCK	.800X 4.00 X .562	EPDM	VARIES	
44	AS20	FASTENER AT PANIC STOP	#10-16 X 1/2" FHP SELF DRILL	STEEL	VARIES	
45	TH4	THRESHOLD	.500 X 4.00 X .125	6063-T6 ALUMINUM	CORAL	
46	WP200	DOOR STOP WEATHERING	VARIABLE SPACE	WOOL PILE	SCHLEGEL	USED @ 35

APPROVED HARDWARE	
CORAL STANDARD OFFSET PIVOTS OR EQUAL	
2086 JACKSON PANIC	
MS1850 3 PT LOCK	
CORAL STANDARD FLUSHBOLTS	




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FLORIDA PRODUCT APPROVAL
DRAWINGS SERIES 213, 380 AND 500
OFFSET PIVOT DOORS IN FL200
BILL OF MATERIALS AND APPROVED
HARDWARE

DATE	7/18/2012
DRAWN	DEG
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APPROVED	EAB
PROJECT NO.	
DRAWING NO.	FL200_4
SHEET	12 OF 13

